

A method and apparatus to provide therapy to a patient for protecting cardiac tissue from insult is disclosed. The method comprises delivering electrical stimulation to one or more predetermined portions of the nervous system in a patient's body; and monitoring one or more physiologic indices of the body to determine whether the delivered therapy is effective. That is, a closed-loop feedback controller is used to apply electrical stimulation to preselected regions of the patient's body, and then the physiologic response of the patient is monitored to determine the efficacy of the stimulation.

Parameter	Value	Unit
Temperature	25.0	°C
Humidity	65.0	%
Light intensity	100.0	μmol photons m ⁻² s ⁻¹
CO ₂ concentration	400.0	ppm
Flow rate	1.0	L min ⁻¹
Measurement time	10.0	min
Sample size	10.0	mg
Replicates	3.0	
Statistical analysis	ANOVA	
Significance level	0.05	
Software	SPSS 20.0	
Author contributions	Equal	
Conflict of interest	None	
Supplementary material	Available online	
Keywords	Photosynthesis; Chlorophyll; Fluorescence; Growth; Stress	